Information Processing Letters 24 (1987) 419–421
North-Holland

6 April 1987

AUTHOR INDEX VOLUME 24 (1987)

(The issue number is given in front of the page numbers)

Akman, V., An algorithm for determining an opaque minimal forest of a convex polygon (3) 193–198
Alexandrakis, A. and **S. Bozapalidis**, Weighted grammars and Kleene's theorem (1) 1– 4
Anderson, R. and **E.W. Mayr**, Parallelism and the maximal path problem (2) 121–126
Anstee, R.P., A polynomial algorithm for b-matchings: An alternative approach (3) 153–157
Arvind, V., and **S. Biswas**, An $O(n^2)$ algorithm for the satisfiability problem of a subset of propositional sentences in CNF that includes all Horn sentences (1) 67– 69
Asano, Ta., Te. Asano and **H. Imai**, Shortest path between two simple polygons (5) 285–288
Asano, Te., *see* **Asano, Ta.** (5) 285–288
Atkinson, M.D. and **H.W. Chang**, Computing the number of mergings with constraints (5) 289–292

Bajantri, M. and **D.B. Skillicorn**, A fast multiprocessor message passing implementation (6) 381–389
Bernstein, A.J., Predicate transfer and timeout in message passing systems (1) 43– 52
Bini, D. and **V.Ya. Pan**, A logarithmic Boolean time algorithm for parallel polynomial division (4) 233–237
Bird, R.S. and **J. Hughes**, The alpha–beta algorithm: An exercise in program transformation (1) 53– 57
Biswas, S., *see* **Arvind, V.** (1) 67– 69
Błażewicz, J. and **G. Finke**, Minimizing mean weighted execution time loss on identical and uniform processors (4) 259–263
Blumer, A., A. Ehrenfeucht, D. Haussler and **M.K. Warmuth**, Occam's Razor (6) 377–380
Bozapalidis, S., *see* **Alexandrakis, A.** (1) 1– 4

Carlsson, S., A variant of Heapsort with almost optimal number of comparisons (4) 247–250
Castan, M., M.-H. Durand and **M. Lemaître**, A set of combinators for abstraction in linear space (3) 183–188
Chang, E.J.H., G.H. Gonnet and **D. Rotem**, On the costs of self-stabilization (5) 311–315
Chang, H.W., *see* **Atkinson, M.D.** (5) 289–292
Chrobak, M. and **W. Rytter**, Remarks on string-matching and one-way multihead automata (5) 325–329
Chwa, K.-Y., *see* **Kim, T.** (1) 15– 17

Davis, R.H., *see* **Valentine, M.** (5) 317–324
Dillencourt, M.B., Traveling salesman cycles are not always subgraphs of Delaunay triangulations or of minimum weight triangulations (5) 339–342
Dufour, P., *see* **Roussille, M.** (3) 159–164
Durand, M.-H., *see* **Castan, M.** (3) 183–188

Edelsbrunner, H. and **M.H. Overmars**, Zooming by repeated range detection (6) 413–417
Edenbrandt, A., Chordal graph recognition is in NC (4) 239–241
Ehrenfeucht, A., *see* **Blumer, A.** (6) 377–380
Emerson, E.A., Uniform inevitability is tree automaton ineffable (2) 77– 79
Evans, D.J. and **W.S. Yousif**, Explicit solution of block tridiagonal systems of linear equations (3) 207–209

Feijen, W.H.J., A.J.M. Van Gasteren and **D. Gries**, In-situ inversion of a cyclic permutation (1) 11– 14
Field, D., A note on a new data structure for in-the-past queries (2) 95– 96
Finke, G., *see* **Błażewicz, J.** (4) 259–263
Finkel, R. and **H.H. Madduri**, An efficient deadlock avoidance algorithm (1) 25– 30
Fraser, C.W. and **D.R. Hanson**, Optimization of argument evaluation order (6) 391–395

Gavril, F., *see* **Yannakakis, M.** (2) 133–137
Golumbic, M.C., A general method for avoiding cycling in a network (4) 251–253
Gonnet, G.H., *see* **Chang, E.J.H.** (5) 311–315
Gopalakrishnan, P.S., *see* **Pawagi, S.R.** (4) 217–221
Gottlob, G., Subsumption and implication (2) 109–111
Gottlob, G., On the size of nonredundant FD-covers (6) 355–360
Grazon, A., An infinite word language which is not co-CFL (2) 81– 85
Gries, D., *see* **Feijen, W.H.J.** (1) 11– 14
Grune, D., How to compare the incomparable (3) 177–181
Gupta, S., *see* **Pujari, A.K.** (2) 139

Hanson, D.R., *see* **Fraser, C.W.** (6) 391–395
Haussler, D., *see* **Blumer, A.** (6) 377–380
Hazari, C. and **H. Zedan**, A distributed algorithm for distributed termination (5) 293–297
He, Jifeng, *see* **Hoare, C.A.R.** (2) 127–132

0020-0190/87/$3.50 © 1987, Elsevier Science Publishers B.V. (North-Holland)

Hirschberg, D.S. and **D.J. Volper**, Improved update/query algorithms for the interval valuation problem (5) 307–310
Hoare, C.A.R. and **He, Jifeng**, The weakest prespecification (2) 127–132
Hochschild, P., Multiple cuts, input repetition, and VLSI complexity (1) 19– 24
Horspool, R.N. and **M.R. Levy**, Correctness of an extended operator-precedence parsing algorithm (4) 265–273
Hoshi, M., *see* **Yuba, T.** (1) 59– 65
Hughes, J., *see* **Bird, R.S.** (1) 53– 57
Huynh, D.T., On solving hard problems by polynomial-size circuits (3) 171–176

Imai, H., *see* **Asano, Ta.** (5) 285–288
Ishizuka, H., *see* **Sassa, M.** (1) 31– 41

Kennaway, J.R. and **M.R. Sleep**, Variable abstraction in O(n log n) space (5) 343–349
Kim, T. and **K.-Y. Chwa**, An O(n log n log log n) parallel maximum matching algorithm for bipartite graphs (1) 15– 17
Koch, G., Automating the semantic component (5) 299–305
Korel, B., The program dependence graph in static program testing (2) 103–108
Krentel, M.W., A note on the transaction backout problem (3) 149–152
Kubale, M., The complexity of scheduling independent two-processor tasks on dedicated processors (3) 141–147
Kurtz, S.A., M.J. O'Donnell and **J.S. Royer**, How to prove representation-independent independence results (1) 5– 10

Lemaître, M., *see* **Castan, M.** (3) 183–188
Levy, M.R., *see* **Horspool, R.N.** (4) 265–273

Madan, B.B., *see* **Zubair, M.** (4) 225–231
Madduri, H.H., *see* **Finkel, R.** (1) 25– 30
Madlener, K. and **F. Otto**, Using string-rewriting for solving the word problem for finitely presented groups (5) 281–284
Marie, R. and **K.S. Trivedi**, A note on the effect of preemptive policies on the stability of a priority queue (6) 397–401
Mayr, E.W., *see* **Anderson, R.** (2) 121–126
McColl, W.F. and **M.S. Paterson**, The planar realization of Boolean functions (3) 165–170
Meira, S.R.L., Strict combinators (4) 255–258
Müller, H., Sorting numbers using limited systolic coprocessors (6) 351–354

Nakata, I., *see* **Sassa, M.** (1) 31– 41
Nakata, I., *see* **Sassa, M.** (2) 113–120

O'Donnell, M.J., *see* **Kurtz, S.A.** (1) 5– 10
Otto, F., *see* **Madlener, K.** (5) 281–284
Overmars, M.H., *see* **Edelsbrunner, H.** (6) 413–417

Pan, V.Ya., *see* **Bini, D.** (4) 233–237
Parberry, I., An improved simulation of space and reversal bounded deterministic Turing machines by width and depth bounded uniform circuits (6) 363–367
Paterson, M.S., *see* **McColl, W.F.** (3) 165–170
Pawagi, S.R., P.S. Gopalakrishnan and **I.V. Ramakrishnan**, Computing dominators in parallel (4) 217–221
Pitt, L, A note on extending Knuth's tree estimator to directed acyclic graphs (3) 203–206
Pujari, A.K. and **S. Gupta**, Letter to the Editor (2) 139

Ramakrishnan, I.V., *see* **Pagawi, S.R.** (4) 217–221
Ramanan, P., Obtaining lower bounds using artificial components (4) 243–246
Raynal, M., A distributed algorithm to prevent mutual drift between n logical clocks (3) 199–202
Rey, C. and **R. Ward**, On determining the on-line minimax linear fit to a discrete point set in the plane (2) 97–101
Rotem, D., *see* **Chang, E.J.H.** (5) 311–315
Roussille, M. and **P. Dufour**, Generation of convex polygons with individual angular constraints (3) 159–164
Royer, J.S., *see* **Kurtz, S.A.** (1) 5– 10
Ruby, J., A liveness property of a parallel algorithm (4) 275–277
Rytter, W., *see* **Chrobak, M.** (5) 325–329

Samet, H., C.A. Shaffer and **R.E. Webber**, Digitizing the plane with cells of nonuniform size (6) 369–375
Sassa, M., H. Ishizuka and **I. Nakata**, ECLR-attributed grammars: A practical class of LR-attributed grammars (1) 31– 41
Sassa, M. and **I. Nakata**, A simple realization of LR-parsers for regular right part grammars (2) 113–120
Shaffer, C.A., *see* **Samet, H.** (6) 369–375
Skillicorn, D.B., *see* **Bajantri, M.** (6) 381–389
Sleep, M.R., *see* **Kennaway, J.R.** (5) 343–349
Ślusarek, M., An off-line storage allocation algorithm (2) 71– 75
Sridhar, M.K., A new algorithm for parallel solution of linear equations (6) 407–412
Szepietowski, A., There are no fully space constructible functions between log log n and log n (6) 361–362
Szwarcfiter, J.L., A note on the computation of the k-closure of a graph (4) 279–280

Tennent, R.D., A note on undefined expression values in programming logics (5) 331–333
Trivedi, K.S., *see* **Marie, R.** (6) 397–401

Valentine, M. and **R.H. Davis,** The automated solution of logic puzzles (5) 317–324
Van der Weide, Th.P., *see* **Van Leijenhorst, D.C.** (3) 189–192
Van de Snepscheut, J.L.A., "Algorithms for on-the-fly garbage collection" revisited (4) 211–216
Van Gasteren, A.J.M., *see* **Feijen, W.H.J.** (1) 11– 14
Van Leijenhorst, D.C., A note on the formula size of the "mod k" functions (4) 223–224
Van Leijenhorst, D.C. and **Th.P. Van der Weide,** On a recursion connected with tree balancing algorithms (3) 189–192
Volper, D.J., *see* **Hirschberg, D.S.** (5) 307–310

Ward, R., *see* **Rey, C.** (2) 97–101
Warmuth, M.K., *see* **Blumer, A.** (6) 377–380
Webber, R.E., *see* **Samet, H.** (6) 369–375
Widmayer, P. and **D. Wood,** Time- and space-optimal contour computation for a set of rectangles (5) 335–338
Wolfson, O., Concurrent execution of transaction copies (2) 87– 93
Wood, D., *see* **Widmayer, P.** (5) 335–338
Wright, W.E., A note on external sorting using almost single input buffering (6) 403–405

Yannakakis, M. and **F. Gavril,** The maximum k-colorable subgraph problem for chordal graphs (2) 133–137
Yousif, W.S., *see* **Evans, D.J.** (3) 207–209
Yuba, T. and M. Hoshi, Binary search networks: A new method for key searching (1) 59– 65

Zedan, H., *see* **Hazari, C.** (5) 293–297
Zubair, M. and **B.B. Madan,** Time efficient systolic architecture for matrix * vector multiplication (4) 225–231